

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/PI2005/000145

**A. CLASSIFICATION OF SUBJECT MATTER**  
C01B31/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
C01B D01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	NASIBULIN A G ET AL: "A novel aerosol method for single walled carbon nanotube synthesis" CHEMICAL PHYSICS LETTERS, NORTH-HOLLAND, AMSTERDAM, NL, vol. 402, no. 1-3, 24 January 2005 (2005-01-24), pages 227-232, XP004702435 ISSN: 0009-2614 the whole document	1-54
X	WO 02/076887 A (NATIONAL RESEARCH COUNCIL OF CANADA; SIMARD, BENOIT; BARNETT, MICHAEL;) 3 October 2002 (2002-10-03) the whole document ----- -/--	1-24, 26, 32, 37-54

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

14 December 2005

Date of mailing of the international search report

22/12/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/102203 A1 (SMALLEY RICHARD E ET AL) 1 August 2002 (2002-08-01) the whole document in particular '0085!-'0099! figure 6 -----	1-26, 32, 37-54
X	MOISALA A ET AL: "THE ROLE OF METAL NANOPARTICLES IN THE CATALYTIC PRODUCTION OF SINGLE-WALLED CARBON NANOTUBES-A REVIEW" JOURNAL OF PHYSICS: CONDENSED MATTER, BRISTOL, GB, vol. 15, no. 42, 2003, pages S3011-S3035, XP001193822 "Aerosol synthesis of single-walled carbon nanotubes" -----	1-24, 26, 32, 37-54
A	NASIBULIN A G ET AL: "Carbon nanotubes and onions from carbon monoxide using Ni(acac) <sub>2</sub> and Cu(acac) <sub>2</sub> as catalyst precursors" CARBON, vol. 41, no. 14, 2003, pages 2711-2724, XP004464998 ISSN: 0008-6223 the whole document -----	1-54

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FI2005/000145

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02076887	A	03-10-2002	CA 2439314 A1	03-10-2002
			EP 1373137 A2	02-01-2004
			US 2004109814 A1	10-06-2004
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US 2002102203	A1	01-08-2002	NONE	
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